

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,050,648 B1  
APPLICATION NO. : 09/396740  
DATED : May 23, 2006  
INVENTOR(S) : Hiroyuki Shinbata

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SHEET 1

Fig. 1, "SUBTRACTION" should read --SUBTRACTION--.

SHEET 7

Fig. 7, "SUBTRACTION" should read --SUBTRACTION--.

SHEET 10

Fig. 10, "SUBTRACTION" should read --SUBTRACTION--.  
Fig. 11, "SUBTRACTION" should read --SUBTRACTION--.

COLUMN 1

Line 51, "a X" should read --an X--.  
Line 52, "is" should read --are--.

COLUMN 2

Line 9, " $S_{US} \sum S_{ORG} M^2$ " should read -- $S_{US} = \sum S_{ORG} / M^2$ --.  
Line 41, "is" should read --are--.  
Line 45, " $f1[x]E-(E/th)X$ " should read -- $f1[x]=E-(E/th)X$ --.

COLUMN 4

Line 15, "eight" should read --eighth--.

COLUMN 5

Line 39, "embodiment." close right margin.  
Line 40, "In" close left margin.

COLUMN 7

Line 1, "fl" should read --f1--.  
Line 66, "it" should read --it is--.

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COLUMN 9

- Line 15, " $fd(x, y) = fuso(x, y) + F(x, y) \times (f1(x, y) - fus(x, y))$ " should read  
-- $fd(x, y) = fuso(x, y) + F(f1(x, y)) \times (f1(x, y) - fus(x, y))$ --.
- Line 35, " $fd(x, y) = fuso(x, y) + F(f0(x, y)) \times (f1(x, y) - fus(x, y))$ " should read  
-- $fd(x, y) = fuso(x, y) + F(f0(x, y)) \times (f1(x, y) - fus(x, y))$ --.
- Line 36, " $fd(x, y) = f0(x, y) + F(f0(x, y)) \times (f1(x, y) - fus(x, y))$ " should read  
-- $fd(x, y) = f0(x, y) + F(f0(x, y)) \times (f1(x, y) - fus(x, y))$ --.
- Line 54, " $fd(x, y) = fuso(x, y) + F(x, y) \times (f1(x, y) - fus(x, y))$ " should read  
-- $fd(x, y) = fuso(x, y) + F(fus(x, y)) \times (f1(x, y) - fus(x, y))$ --.
- Line 55, " $fd(x, y) = f0(x, y) + F(fus(x, y)) \times (f1(x, y) - fus(x, y))$ " should read  
-- $fd(x, y) = f0(x, y) + F(fus(x, y)) \times (f1(x, y) - fus(x, y))$ --.

COLUMN 10

- Line 10, " $fd(x, y) = fuso(x, y) + F(fuso(x, y)) \times (f1(x, y) - fus(x, y))$ " should read  
-- $fd(x, y) = fuso(x, y) + F(fuso(x, y)) \times (f1(x, y) - fus(x, y))$ --.
- Line 12, " $fd(x, y) = f0(x, y) + F(fuso(x, y)) \times (f1(x, y) - fus(x, y))$ " should read  
-- $fd(x, y) = f0(x, y) + F(fuso(x, y)) \times (f1(x, y) - fus(x, y))$ --.

COLUMN 11

- Line 5, " $fd(x, Y)$ " should read -- $fd(x, y)$ --.

COLUMN 12

- Line 64, "sent or received" should read --sent to or received from--.

COLUMN 15

- Line 29, "Suso(x, y)" should read --Sus0(x, y)--.
- Line 52, "form" should read --from--.

COLUMN 16

- Line 36, "d1" should read --dl--.
- Line 43, "d1," should read --dl,--.
- Line 60, "with being damped" should read --with attenuation--.

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COLUMN 17

Line 39, "S1" should read --S1--.  
Line 44, "d1=Sa-h1" should read --dl=Sa-hl--.  
Line 47, "h1" should read --hl--; and "d1" should read --d1--.  
Line 49, "d1" should read --d1--.  
Line 50, "d1" should read --d1--.  
Line 64, "d1" should read --d1--.

COLUMN 18

Line 26, "d1" should read --d1--.

COLUMN 21

Line 34, "with being damped" should read --with attenuation--.

COLUMN 22

Line 45, "n" should read --in--.

COLUMN 23

Line 6, "Fo" should read --F()--.

COLUMN 24

Line 25, "Ch=(max-Target)/(Bodymax-Target)" should read  
--Ch=(max-Target)/(Bodymax-Target)--.  
Line 45, "d1" should read --d1--.  
Line 60, "is" should read --is used--.  
Line 61, "a" should be deleted.

COLUMN 25

Line 15, "partially or entirely" should read --partial or entire--.  
Line 20, "partially" should read --partial--.  
Line 21, "entirely" should read --entire--.

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COLUMN 32

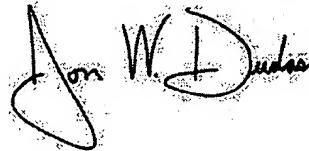
Line 47, "a storage" should be deleted.  
Line 48, "medium which stores" should be deleted.

COLUMN 33

Line 10, "converter" should read --converted--.  
Line 14, "A" should read --An--.  
Line 27, "an" should read --a--.

Signed and Sealed this

Twentieth Day of February, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*